GitHub Basics

Wednesday, 12.18.2024

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Downloads

Git Bash - https://git-scm.com/downloads

Basic Commands

ls - Shows files in current directory (folder)

cd <directory> - moves to given directory ex. cd /c/Users/will/Desktop

touch <file name> - creates a file in the current directory

rm <file name> - deletes the given file.

mkdir <name> - creates a directory in the current directory.

rmdir <name> - deletes given empty directory.

GitHub Commands

git config - -global user.name <your name> - sets github username.

git config - -global user.email <your github email> - sets github email.

git clone <repository> - downloads repository to the current directory.

git add <file> - adds file to commit. (".." adds all files in directory, "*" adds all files in repository)

git commit -m <message> - updates local repo to the current state of all tracked files.

git push - updates GitHub repo to latest local commit.

git pull - updates local repo to latest github commit.

GitHub Commands (continued)

git status - shows status of files in local repo.

git branch <name> - creates a new branch locally.

git checkout <name> - switches to a given branch.

git checkout -b <name> - creates a new branch and switches to it.

git log - displays commit history of current branch.